

Latest News About Things ELECTRICAL

EXPERT HAS RUINED HEALTH FOR SCIENCE

Dr. Vaillant, Roentgenologist, Has Given Arm in Furthering Experiments.

PARIS, April 3.—Dr. Vaillant, noted as an X-ray specialist, has proved himself a "valiant" in the true sense of the word, to thousands of Frenchmen who have benefited by his sacrifices to the cause of science in extending the use of the X-ray. The man has given up his medical practice, his fortunes and even his flesh to further the use of the valuable light in curing cancer and other diseases.

The devotion of the Parisian doctor impaired his health, after a few years of constantly exposing himself to the rays from the time of its discovery. Cancer settled in his skin, and as a result his arms have been operated on time and time again, until now he has lost his left arm and only two fingers remain on his right hand. Since 1900 ten surgical operations have been performed on him. The recurrence of the cancer has taken place often. The progress of the disease was not impeded even by the knife.

In order to advance science, Dr. Vaillant has said that, maimed as he is, he is yet willing to give and give.

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Just push a button and the Thor goes to work and washes the clothes cleaner than ever washed by hand. Everything ever put into a washtub can be put into a Thor. It is amazing to women who have been using the tub and washboard.

We Have Lately Received 130 Thors With the Newly-Improved, Easy-Rolling Castors.

You are cordially invited to call so the demonstrator may explain to you the benefits derived from the use of this modern electrical servant.

NATIONAL ELECTRICAL SUPPLY COMPANY
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ELECTRIC SCREW DRIVER WONDERFUL TIME SAVER

The new electric screwdriver, recently placed on the market, has proven a wonderful time and labor saver, especially to the man in the shop, who must drive a great many screws in a day. No more twisting and turning and struggling with the hand screwdriver, which often slips out of the groove, causing him to lose a great deal of valuable time, which he can now make use of.

The motive power is supplied by a small motor of one-half horsepower or less, which may be suspended from the ceiling or fastened to the top plate of a metal stand resting on casters. The motor may be connected by a plug and cord with any conveniently located electric light socket. A flexible shaft connects the motor with the screwdriving tool.

The edge of the screwdriver is placed in the slot of the screw, one hand of the workman holding the handle, the other steadying it by grasping the ratchet handle.

When the handle is pressed down against the head of the screw, the screwdriver engages a friction clutch at the end of the flexible driving shaft and revolves rapidly, driving in the screw to its shoulder.

FRENCH RADIATORS ARE HEATED BY ELECTRICITY

If you have ever lived in a suburb you surely have met the steam radiator operated by gas. You fill the radiator with water and turn on the gas below. The water soon boils and you have steam heat.

But a more modern method has been put to use in France. They are using an electric steam heater somewhat like the gas radiator. You fill the radiator with water, but instead of turning on the gas you press an electric button.

The current passes through an electric heater located below the radiator a resistance winding heats up when

NEW ELECTRIC CODE SYSTEM IS INTRODUCED

A remarkably simple code-calling system is now being installed in banks, offices, stores, warehouses, and factories. It is composed of audible signals distributed throughout the office and plant and controlled by a transmitter under the telephone operator's supervision.

When a certain man is wanted and the operator finds him out of his office, she doesn't have to guess where he might be and call office after office until she finally locates him, but she simply reaches over and presses the key or keys that correspond to his code number. Simultaneously through every part of the office and factory his code number is sounded, and the code call in each room is just loud enough to be heard—not loud enough to be disturbing. Instantly, automatically and without disturbance the man is located wherever he may be, and if he is not in the plant or factory that fact is settled without waste of time.

Such a code system works with current from the lighting system. Any electrical contractor can install it. Wires are strung like lightning wires from signal to signal, and the current costs only a few cents a month.

Clip your Liberty Bond coupons and exchange them for W. S. S. thereby aiding yourself and your country.

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WHEN you stop to realize that your carpets and rugs are worth twice as much today as you paid for them you are impressed with the importance of taking the best care of them and saving the needless wear and tear of sweeping and beating.

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Scarcity of Crude Oil And High Price Putting 'Autoist Up Against It'

Crude oil producers hold the key to the gasoline situation, in the opinion of oil experts under Van H. Manning, chief of the Bureau of Mines.

Thirty cents a gallon is believed to be a fair estimate of the tribute American automobile users will have to pay in the near future, because the men who pump the greenish-yellow fluid from the ground have a market bigger than their supply.

"The price will go higher," said one of Mr. Manning's assistants. "We cannot estimate how much higher. It is a case of supply and demand, with a slight complication due to the fact that refineries cannot get oil enough to keep all their plants busy and are bidding against each other with the producers."

Foreign Supply Gone.
Complicated with this is the difficulty of getting a supply from any of the big foreign fields. France, Great Britain, and the Netherlands have been unable to make up their supplies, while Mexico is planning to make it more difficult for foreign buyers to export petroleum from her vast oil fields.

The automobile owner is up against it. Gasoline production in the United States was 357,544,134 gallons greater than in 1918, and the domestic consumption was only 350,680,035 gallons, leaving a surplus of 6,864,099 gallons in favor of the American gasoline user.

Stocks on hand had increased from 297,326,983 gallons at the end of 1918, to 446,195,451 at the end of 1919, and 515,934,364 at the end of January. These stocks, it was stated, would be cut down in the summer months brought increasing use of gasoline, but they show that at a given period the supply was greater than last year.

Figures on supply and demand of gasoline were given by N. A. C. Smith, investigator for the Bureau of Mines.

1,700 Per Cent Motor Cars.
"The number of motor cars and trucks in service increased about 1,700 per cent from 1909 to 1918," said Mr. Smith. "The production of gasoline to meet its demand increased from 12,000,000 gallons in 1909 to 357,544,134 gallons in 1918, a gain of 560 per cent."

During the same period the production of crude oil in the United States increased only 95 per cent. It will be noted that proportionately more gasoline is produced from the domestic crude oil produced in 1918 over that produced in 1909, due to improved methods and from the taking of a larger proportion for gasoline and less for kerosene and other products.

This gasoline has consequently a lower volatility and this fact is the cause of the complaints heard in recent years to the quality of gasoline. The country has been faced with the problem of sacrificing quality or quantity; of using less volatile gasoline or having a shortage of supply.

7,500,000 Cars in U. S.
"It is claimed that the number of automobiles in the United States at the end of 1919 was 7,500,000, an increase of almost 1,500,000 throughout the year. It has been predicted that the number of automobiles in use at the end of 1920 will be between nine and ten million. The demand for gasoline is, therefore, certain to increase."

"On the other hand it is possible that the future increase in the production of crude oils from our own wells will be relatively small as compared with recent years, and that though the imports of Mexican crude may be considerably increased, the gasoline content of this crude will continue low as at present, and it becomes a matter of some concern as to whether the production of gasoline can be increased in proportion to the increase of automobiles expected for this and succeeding years."

Less Volatility Needed.
"It seems unlikely that the quantity of gasoline can be increased by using more of the crude and making the product less volatile, as has been done in the past. This is because the next fraction obtained from crude oil—kerosene—is in great demand and the price has been doubled since the armistice."

"The point has been reached where an economic balance is approached between gasoline and kerosene: Thus if any appreciable quantity of the lighter fractions of kerosene is included with the gasoline it will cause a shortage of kerosene with a consequent increase in the price."

"Moreover, the demand for fuel oil has been increasing rapidly during the past year, and the price has more than doubled. Our merchant marine, the navy, and many other large users of fuel oil have come into the market for large quantities and are planning to develop demands that will make the competition more keen. Therefore it may prove to be unprofitable to 'crack' more of our fuel oil for gasoline, unless the price of gasoline is increased."

U. S. Fails To Get Full Bid.
In this connection, another official stated that the Shipping Board recently asked for bids for 24,000,000 barrels of petroleum for fuel for ships, and received bids of only 1,900,000, while the navy also was unable to

HER "ALIMONY" IS SET BY NEIGHBORS

Syracuse Couple Submit to Impromptu Jury's Verdict to Separate.

SYRACUSE, N. Y., April 4.—When the Rev. W. B. Brunk, pastor of the Methodist Episcopal Church at Liverpool, and Mrs. Brunk decided to separate they placed their case in the hands of an informal jury of neighbors and agreed to abide by the decision.

Brunk disliked publicity and Mrs. Brunk disliked court actions. Inasmuch as the neighbors were generally interested, the couple called in George N. Dolson, justice of the peace, and asked him to form a committee of friends. Dolson appointed Ward Stevens, Fred Wycker and O. H. Limbus as "jurors."

Then the principals in the novel ac-

tion told their stories. Mrs. Brunk accused her husband of holding out on his salary, of neglecting her and of comparing himself otherwise than as a pastor should. Brunk retorted with hints regarding his wife's mental stability.

The "jurors" decided the Brunks should separate, she to take the eldest child and he the two younger ones. Then they made a final award of \$2,000 to the wife. The pastor must pay \$500 of this in cash and raise the balance by mortgaging his farm.

URGES RUSS-POLE PEACE.
PARIS, April 4.—M. Litvinoff, of the Russian Soviet government, who has been negotiating with the British at Copenhagen for an exchange of prisoners, was quoted as urging Poland to make peace with Russia, in an interview telegraphed here today.

PLANS BIG AIR MAIL ROUTE.
Congressman Julius Kahn's plan for an air mail route from New York to San Francisco via Chicago and Omaha has been agreed upon by the Senate and House conferees on the postoffice appropriation bill. The appropriation of \$1,400,000 proposed by Mr. Kahn was reduced to \$1,250,000.

PARIS STILL DICTATES STYLE, EXPERT SAYS

Neither New York nor London Can Become Fashion Arbiters, Says M. Rodier.

PARIS, April 3.—Try as they will neither New York nor London will ever usurp Paris' place as dictator of world fashions, according to M. Rodier, French textile manufacturer. "After the first few months of the war, American buyers, returning from Paris, declared that the styles on this side were entirely too sombre," said M. Rodier. "Then America herself entered the war, and there began on the other side of the Atlantic a campaign affirming that France had such great difficulties in producing fabrics that it was the United States that should set the fashions."

This was assisted by a number of American buyers who disliked wearing the Atlantic while the German submarine campaign was on. But those who came bought as usual and went back home well satisfied."



Cut Your Meat Bills In Half!

Don't buy poor quality meats which are not cheap at any price. Buy the fore quarter cuts off the best grade animals.

There will be an expert demonstrator from the Department of Justice at our Columbia Road Market each day next week from 9 A. M. until 12 o'clock noon, and at our Arcade Market Stands from 3 P. M. until 6 o'clock P. M., to show you these desirable cuts and tell you how they can be prepared in a tasty and nutritious manner.

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Are The Years Hitting You Hard?

The Man Who Builds Up His Health and Keeps His Blood Rich In Strength-Giving Iron Is the Man Whose Energy and Vigor Defy the Advancing Years—Physician Tells

How Nuxated Iron Helps to Make the Red Blood Which Fights Back Signs of Old Age

Under the sledge-hammer blows of time, many a man finds his strength and endurance failing and his constitution losing its power to fight off illness, simply because his blood is thinning out and possibly starving through lack of iron. Too soon such a man finds the gray hairs coming; his stomach is often out of order, he shivers in the cold when red-blooded men go striding by rejoicing in the crisp air, he lies awake for hours at night and in the morning he wakes tired and low-spirited. Perhaps he realizes that the years are hitting him below the belt; he perhaps he sometimes says: "I must be getting old." Yet these signs of age, due to failing iron in the blood, may often disappear when the blood is strengthened with organic iron—Nuxated Iron—in the opinion of Dr. Ferdinand King, New York Physician and Medical Author, who has made the following statement:

"My experience has taught me that many a man is aging too fast merely because his blood is getting pale and because his blood is getting thin. The nervous strain of modern life robs the blood of the iron which is necessary to health; the blood is simply starving for want of iron. Blood without iron is like a man without hands. The man cannot feel himself nor do his work, and similarly, blood without iron cannot feed itself from the food passing through the stomach, the breath of the lungs to the rest of the body. The red corpuscles of the blood do this work for iron is necessary to keep them in condition. If a man's red corpuscles lose their iron and he becomes pale and weak, I urge him to build up his strength with Nuxated Iron. Many a time I have seen patients through its use lose their nervousness and get a new grip on health in only two weeks. The patient stops worrying about getting old, because he no longer feels old."

"Nuxated Iron consists of organic iron in its purest form, combined with other blood-building ingredients. I have found nothing to equal it as a blood tonic and body-builder. I consider it simply starving for want of iron. Physicians to prescribe it for cases of blood weakness. I also urge every one who is nervous, run-down, pale and old before his time to get a bottle of genuine Nuxated Iron and follow the directions on the bottle. I am confident that in practically nine cases out of ten the results will exceed his most favorable expectations."



Like a Pigmy Battling With Giants

the man whose blood is weak in iron is clubbed and beaten by the years; but the man whose blood flows rich, pure, filled with strength-giving iron, fights back the attacks of time and goes through life with a smile, self-reliant and fearless. He is the kind of man Nuxated Iron helps to make.

The older inorganic iron products it is easily assimilated and does not injure the teeth, make them black nor upset the stomach. The manufacturers guarantee successful and entirely satisfactory results to every purchaser or they will refund your money. It is dispensed in this country by People's Drug Stores, Christian's Drug Stores, and by all other druggists.

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Other work, \$2.00 up.		Per Tooth

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